

Patent Abstracts of Japan

(8)

PUBLICATION NUMBER : 2001302096
PUBLICATION DATE : 31-10-01

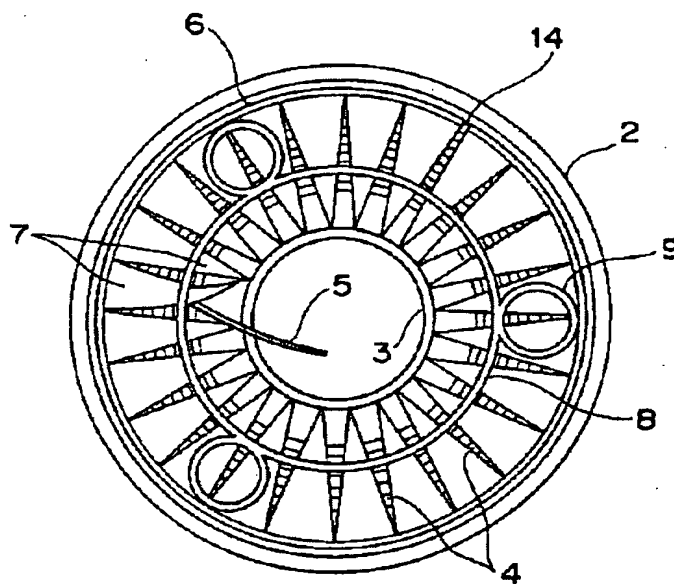
APPLICATION DATE : 20-04-00
APPLICATION NUMBER : 2000119579

APPLICANT : NIPPON STEEL WELD PROD & ENG
CO LTD;

INVENTOR : RYOKE KENJI;

INT.CL. : B65H 54/76 B23K 9/133 B65H 75/16

TITLE : LOADING DEVICE FOR WELDING
WIRE



ABSTRACT : PROBLEM TO BE SOLVED: To provide a loading device for welding wire enabling the welding wire piled and stored in a pail container to be smoothly drawn out of the pail container without tangling or entwining even at a high speed or in the case of great rigidity of the wire.

SOLUTION: In the loading device for twisted welding wire piled and stored in loops between an outer cylinder forming the pail container and an inner cylinder fixed at the bottom part of the pail container, an annular member having a wall is so placed as to be along the inner wall of the outer cylinder and contact with the upper part of the twisted welding wire; multiple elastic inward pieces are provided which are attached to the annular member having the wall, extending toward the center of the pail container on the twisted welding wire to abut on the outer wall of the inner cylinder; and an annular member having multiple outward rings is placed on the elastic inward pieces.

COPYRIGHT: (C)2001,JPO